

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("4753683") or ("20030075210"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 15:58
S2	12	("3370986"   "3888698"   "4004949"   "4084985"   "4283590"   "4605813").PN. OR ("4753683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 15:58
S3	1	("6841728").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 16:08
S4	17	("4027246"   "4667403"   "4683644"   "4808242"   "4854974"   "4892592"   "4929281"   "5266125"   "5593901"   "5797998"   "5951786"   "6069313"   "6248948"   "6294725"   "6378200").PN. OR ("6841728").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:12
S5	9	heat\$3 same belt same conveyor same press\$3 and solar near5 (battery or cell) and assembly	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:15
S6	10	heat\$3 same belt same conveyor same press\$3 and solar near5 (battery or cell) and assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:16
S7	25	heat\$3 same belt same conveyor same press\$3 and solar near5 (battery or cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:19
S8	2	JP-2000022188-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:28
S9	12	heat\$3 near10 belt near10 press\$3 and solar near5 (battery or cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:32
S10	1	("4534502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 16:37

S11	18789517	DE-3238187-\$.did. or JP-2004039856-\$.did. or JP-2003168811-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:50
S12	6	DE-3238187-\$.did. or JP-2004039856-\$.did. or JP-2003168811-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 16:51
S13	1807	136/244.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 15:23
S15	226	(belt or conveyor) same solar near5 (battery or cell or module or assembly) and ((heat\$3 or warm\$3) same (press\$3 or compress \$3 or flatten\$3 or solder \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 15:28
S16	133	S15 and @ad<"20031225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 15:28
S17	92	S16 and position\$3 and temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/11 15:29
S18	59	h011031/04.ipc. and (solar near5 (cell or battery or module)) and (convey\$4 or belt) and press\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 09:46
S19	13	h011031/04.ipc. and (solar near5 (cell or battery or module)) and (convey\$4 or belt) same press\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 09:47
S20	20	h011031/04.ipc. and (solar near5 (cell or battery or module)) and (convey\$4 or belt) and press\$3 and control\$3 same temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 09:57
S21	26	("3711939"   "4067764"   "4401839"   "4421589"   "4433200"   "4543147"   "4689105"   "4806195"   "4997507"   "5399223"   "5472541").PN. OR ("5593532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 10:03

S22	30	("4402778"   "4402785"   "4432828"   "4511419").PN. OR ("4997507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 10:14
S24	174	(solar near5 (cell or battery or module)) same (convey \$4 or belt) and press\$3 and heat\$3 same control\$3 same temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 10:30
S25	50	(solar near5 (cell or battery or module)) same (convey \$4 or belt) and press\$3 same heat\$3 same control \$3 same temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 10:31
S26	1	("5012316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/12 13:15
S27	14	("3916365"   "3918019"   "4314562"   "4379998"   "4498229"   "4672411"   "4843454").PN. OR ("5012316").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:16
S28	1699	"156".clas. and (feed\$3 or position\$3) near10 (convey \$4 or belt) same heat\$3 same press\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:54
S29	2110	"156".clas. and (feed\$3 or position\$3) with (convey\$4 or belt) same heat\$3 same press\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:54
S30	0	"156".clas. and (feed\$3 or position\$3) near10 (convey \$4 or belt) same heat\$3 same press\$3 same temperature and solar near5 cell	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:55
S31	1	"156".clas. and (feed\$3 or position\$3) near10 (convey \$4 or belt) same heat\$3 same press\$3 and solar near5 cell	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:56
S32	765	"156".clas. and feed\$3 near10 (convey\$4 or belt) same heat\$3 same press\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 14:05
S33	91	"156".clas. and feed\$3 near10 (convey\$4 or belt) same heat\$3 near10 belt near10 press\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 14:06
S34	11	("3883386").URPN.	USPAT	OR	ON	2008/06/12 14:33
S35	0	feed\$3 near5 (convey\$4 or belt) near10 resin and solar near5 cell	USPAT	OR	ON	2008/06/12 17:22
S36	0	feed\$3 near10 (convey\$4 or belt) near10 resin and solar	USPAT	OR	ON	2008/06/12 17:22

S37	1	feed\$3 near10 (convey\$4 or belt) near10 (polymer or resin) and solar	USPAT	OR	ON	2008/06/12 17:23
S38	1	feed\$3 near10 (convey\$4 or belt) near10 (lubrica\$3 or resin) and solar	USPAT	OR	ON	2008/06/12 17:23
S39	0	feed\$3 near10 (convey\$4 or belt) near10 (lubrica\$3 or resin) and solar near5 module	USPAT	OR	ON	2008/06/12 17:24
S40	424	feed\$3 near10 (convey\$4 or belt) near10 (lubrica\$3 or resin)	USPAT	OR	ON	2008/06/12 17:33
S41	79	feed\$3 near10 (convey\$4 or belt) near10 resin near10 (composition or material)	USPAT	OR	ON	2008/06/12 17:33
S42	31	feed\$3 near10 (convey\$4 or belt) near10 surface near10 resin	USPAT	OR	ON	2008/06/12 17:36
S43	3	(feed\$3 or transport) near10 (convey\$4 or belt) near10 surface near10 compos\$5 near10 resin	USPAT	OR	ON	2008/06/12 17:39
S44	5	"198".clas. and (convey\$4 or belt) near10 surface near10 compos\$5 near10 resin	USPAT	OR	ON	2008/06/12 17:44
S45	268	leaf near5 spring same press\$3 near10 (convey\$4 or belt)	USPAT	OR	ON	2008/06/12 18:05
S46	115	leaf near5 spring near10 press\$3 near10 (convey\$4 or belt)	USPAT	OR	ON	2008/06/12 18:05
S47	0	leaf near5 spring near10 press\$3 near10 (convey\$4 or belt) near5 together	USPAT	OR	ON	2008/06/12 18:06
S48	0	leaf near5 spring near10 press\$3 near10 (convey\$4 or belt) near10 together	USPAT	OR	ON	2008/06/12 18:06
S49	4	leaf near5 spring near10 press\$3 near10 (convey\$4 or belt) same together	USPAT	OR	ON	2008/06/12 18:06

S50	18	(US-20030075210-\$ or US-20080061111-\$ or US-20030127124-\$ or US-20030098060-\$).did. or (US-4753683-\$ or US-6841728-\$ or US-5593532-\$ or US-5472541-\$ or US-4997507-\$ or US-4410380-\$ or US-3883386-\$ or US-6068112-\$ or US-5674542-\$).did. or (WO-2005064694-\$).did. or (JP-2000022188-\$ or JP-2004039856-\$ or JP-2003168811-\$ or DE-3238187-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/10/24 15:30
S51	30	("4402778"   "4402785"   "4432828"   "4511419").PN. OR ("4997507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:50
S52	2	("20030127124").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 17:14
S53	2	("5433368").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 17:42
S54	10	(shroud\$3 or cover\$3 or blanket\$3) same (inert or nitrogen or argon) same (heat\$3 or cool\$3) same (convey\$4 or belt) and solar near5 cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 09:50
S55	5	("4338078"   "4736304"   "5136972"   "5154810").PN. OR ("5379228").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/05 09:55
S56	4	(belt or convey\$4) same (polyurethane or resin) near10 nylon and solar near5 (battery or cell\$1 or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 10:46
S57	75	(belt or convey\$4) same polyurethane near10 nylon same (feed\$3 or position \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 10:48
S58	41	S57 and @ad<"20031225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 10:48

S60	4	("3683712").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 11:01
S61	4	("2938304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 11:09
S62	3	("2983304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 11:09
S63	29	number near5 (belt\$3 or convey\$4) same (connect \$4 or interconnect\$4) and solar near5 (cell or battery)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 11:43
S64	17	(solar or photovoltaic) near5 (cell\$1 or module\$1) and ((belt\$1 or convey\$4) near5 vacuum near5 (hole or opening or passage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 17:47
S65	2	("4628072").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/12 10:46
S66	2013	136/244.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:00
S67	153	S66 and (solar or photovoltaic) near5 (cell\$1 or module\$1) and (belt\$1 or convey\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:19
S68	9	spring near2 (attach\$3 or join\$3) near5 heat\$3 same (belt\$1 or convey\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/22 13:50
S69	298	(coil or resilient or spring) near2 (mount\$3 attach\$3 or join\$3) near5 heat\$3 same (belt\$1 or convey\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/22 14:32
S70	1519	228/47.1,101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/23 18:15

S71	5663	136/244,252.ccls. or 156/311,324.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/23 18:19
S72	2	(S70 or S71) and (belt\$1 or convey\$3) same solar near5 (battery or cell\$1 or module or assembly) and (resilient or elastic or spring) near5 heat\$3 near10 (bias\$3 or press\$3 or compress\$3 or flatten\$3 or solder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/23 18:21
S84	11	"100".clas. and (belt\$2 or convey\$3) near5 heat\$3 near5 (spring or resilient or elastic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 18:10
S85	498	"100".clas. and (belt\$2 or convey\$3) same (attach\$3 or mount\$3) near5 (spring or resilient or elastic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 18:12
S86	199	"100".clas. and (spring or resilient or elastic) near5 (bias\$3 or press\$3) near5 (belt\$2 or convey\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 18:14
S87	2	("5381944").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/28 11:55
S88	5	("3446676").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/28 12:34
S89	8	("3446676").URPN.	USPAT	OR	ON	2010/01/28 12:34
S90	25	("3094439"   "3330700"   "3378407"   "3446676"   "3502507"   "3575721"   "3620847"   "3973996"   "4019924"   "4296270"   "4321416"   "4336648"   "4340803"   "4350836"). PN. OR ("4430519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 12:35
S91	22	sharp.as. and (conveyor or belt) same (photovoltaic or solar) same cells	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 11:19

S92	29	("3711939"   "4067764"   "4401839"   "4421589"   "4433200"   "4543147"   "4689105"   "4806195"   "4997507"   "5399223"   "5472541").PN. OR ("5593532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 11:35
S93	17	("3580795"   "3738890"   "3950210"   "3964958"   "4067764"   "4445025"   "5069120"   "5126000"   "5578158"   "5593532"). PN. OR ("6481482").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 11:36
S94	24	("3580795").URPN.	USPAT	OR	ON	2010/07/28 11:37
S95	14	("0978234"   "2459295"   "2960147"   "3367261"   "3580795").PN. OR ("3863562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 11:39
S96	38	("3072520"   "3255567"   "3654012"   "3740281"   "3957537"   "4009054"). PN. OR ("4067764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 11:43
S97	17	("3565719"   "3571915"   "3837924"   "3973996"   "4067764"   "4131755"   "4132570"   "4154998"   "4184903"   "4287382"). PN. OR ("4364508").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 11:58
S98	2	("5252140").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/12/27 16:43
S99	20	("4240816"   "4387134"   "4510344"   "4571446"). PN. OR ("5252140").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:44
S100	2	("4850846").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/12/27 16:49
S101	14	("1270096"   "2490381"   "3168056"   "4410380"   "4517148"   "4731008"   "4744854").PN. OR ("4850846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:50
S102	5	"100".clas. and (belt\$2 or convey\$3) same press\$3 and (solar or photovoltaic) near5 (substrate or assembly or cell or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/27 16:53



S103	6	"100".clas. and (belt\$2 or convey\$3) and (solar or photovoltaic) near5 (substrate or assembly or cell or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/27 16:55
S104	242	"156".clas. and (belt\$2 or convey\$3) and (solar or photovoltaic) near5 (substrate or assembly or cell or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/27 16:55
S105	35	("3071805"   "3120862"   "3723230"   "3779686"   "3792953"   "3795470"   "3851685"   "3860368"   "3942929"   "3993426"   "4043732"   "4061819"   "4083912"   "4213748"   "4311550"   "4410474"   "4417865"   "4417866"). PN. OR ("4517148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 17:33
S106	3	("4348546").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/12/29 09:32
S107	30	("3112230"   "3278337"   "3442007"   "4260429"   "4267003"   "4294602"). PN. OR ("4348546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/29 09:33
S108	14	kiriyama.in. and solar near5 cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/29 09:41
S109	344	(upper or lower) same (belt \$2 or convey\$3) same (solar or photovoltaic) near5 (substrate or assembly or cell or module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/29 09:57
S110	28	("0336458"   "2931082"   "3139361"   "3381739"   "3742585"   "3776297"   "4086952"   "4142571"   "4159354"   "4233338"). PN. OR ("4323419").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/29 10:12
S111	18	("3969163"   "4131659"   "4323419"   "4341588"   "4370288"   "4379020"   "4410558"   "4419178"   "4492181").PN. OR ("4663828").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/29 10:14

S113	6	jp-200439856-\$.did. or jp-2003168811-\$.did. or jp-2004273914-\$.did. or ep-1699090-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/29 10:34
S114	17	("3565719"   "3571915"   "3837924"   "3973996"   "4067764"   "4131755"   "4132570"   "4154998"   "4184903"   "4287382"). PN. OR ("4364508").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/29 11:24

**12/ 29/ 2010 3:03:14 PM****C:\ Documents and Settings\ dpatel4\ My Documents\ EAST\ Workspaces\ 10584712.wsp**